



Material Safety Data Sheet

Durabit EF

Latex Based Waterproofing Membrane

Not classified as a hazardous product according to the criteria of Worksafe Australia

Identification

Product Name: Durabit EF
 Other Names: Duram Durabit EF
 U.N. Number: N/A
 Class: N/A
 Hazchem Code: N/A
 Poison: N/A
 Schedule:
 Pack Sizes: 1, 4, 20 Litre Pails

Uses: Durabit EF has been specifically formulated for most waterproofing requirements, including long term waterproofing of wet areas within buildings:
 (shower recesses, bathroom, laundries) concrete & timber decks, roofs, retaining walls and more.

Physical Description

Appearance: White, black or coloured creamy liquid, mixes with water.
 Boiling Point: 100% (Water)
 Vapour Pressure: As for water.
 Percent Volatiles: N/A
 Specific Gravity: 1.05 - 1.1
 Flash Point: N/A
 Flammability: N/A
 Water Solubility: Soluble/ Miscible(will re-emulsify when uncured)

Ingredients

Chemical	CAS No.	Proportion
Synthetic rubber emulsion as S.B.R latex.	N/A	<60%
Minor ingredients unspecified water	7732-18-5	< 5%
Water	N/A	< 60%

Health Warning Information

Health Effects

Swallowed: Material is regarded as low oral toxicity. Considered an unlikely route of entry in commercial and industrial environments. The liquid is discomforting to the gastro-intestinal tract if swallowed. Ingestion may result in nausea, abdominal irritation, pain and vomiting.

Eye: The liquid is discomforting to the eye's and is capable of causing a mild, temporary redness of the conjunctiva (similar to windburn). Temporary impairment of vision and or other transient eye damage / ulceration. The vapour is mildly discomforting to the eye's.

Skin: Mildly irritating. May affect skin with prolonged contact such as dermatitis. Avoid exposure to skin that is cut, damaged or irritated.

Inhaled: Not normally a hazard due to non-volatile nature of product. Overexposure is unlikely in this form. Inhalation of vapour is more likely at higher than normal temperatures.

CHRONIC HEALTH EFFECTS: Principal routes of exposure are usually by skin contact with the material and inhalation of vapour. Prolonged or repeated skin contact may cause drying with cracking. Irritation and possible dermatitis following. Avoid contact with unprotected skin, inhalation of vapour or ingestion. Observe good occupational work practices.

First Aid

Swallowed: Do not induce vomiting. Give plenty of water to drink. Rinse out mouth. Seek medical assistance or contact the Poisons information Service (Australia 13 1126 and New Zealand 03 4747000).

Eye: Flush thoroughly with clean water, holding eye lid open to flush product from under the lid. Removal of contact lens after injury should be done by a skilled or medical person.

Skin: Remove contaminated clothing, and wash with soap and water. Seek medical attention in event of irritation.

Inhaled: If fumes or combustion products are inhaled: Remove to fresh air. Lay patient down keep warm and rested. Other

measures are usually unnecessary.

Advice to Doctor

Treat symptomatically.

Precautions in Use

Product is considered low risk.

Exposure Standards

Non assigned. Refer to individual constituents.

S.B.R. Latex: Non assigned, refer to individual constituents.

Ammonium hydroxide as ammonia ES TWA: 25ppm, 17mg / m3: STEL:35 ppm,24 mg / m3.

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TLVTWA: 25ppm, 17mg/m3, STEL: 35ppm, 24 mg/m3.

ENGINEERING CONTROLS

Use in well ventilated areas. General exhaust is adequate under normal operating conditions.

Exposure Limits

Refer above.

Ventilation

Product should be applied in areas with adequate ventilation.

Personal Protection

Gloves: Rubber or PVC. Do not use solvent to clean the skin.

Eyes: Safety goggles. The wearing of contact lenses poses an additional risk. Soft lenses may absorb irritants and all lenses concentrates them.

Feet: Wear safety footwear.

Safe Handling Information

Storage and Transport

Store in cool, dry area and place out of the reach of children. Product is not flammable. Avoid freezing.

Store in original containers. Observe manufacturers storing and handling recommendations.

Check containers are labeled and leak-free.

Storage incompatibility: None known.

Transportation Restrictions: None.

Spills and Disposal

Clean up spills immediately, Avoid breathing vapours and contact with skin and eyes. Prevent spills from entering the drains or sewers. Absorb product with sand or earth or absorbant material and dispose to land fill in accordance with local council regulations.

Major spills unlikely due to individual size of containers.

Fire / Explosion Hazard

Product is not readily combustible under normal conditions. However, it will breakdown under fire conditions and the organic component may burn.

Heat may cause expansion or decomposition with violent rupture of the containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO)

May emit acrid smoke. Combustion products include ammonia.

1 May 07

Conditions of Use and Disclaimer

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may effect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product.

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